

Pineview Estates WW System
Disposal Field A & Lower IWS System

mg/L for all values except F.coliform

*VIOLATION; MCL for Nitrate = 10 mg/L

MCL for Fecal coliform = absent

removal efficiency should = 80-85%

	M.well	F.coliform	Nitrate*	IWS	IWS
				Influent	Effluent
1/13/2011	A-2	absent	13	46	46
	A-3	absent	32		0%
	A-4	absent	7.1		

	M.well	F.coliform	Nitrate*	IWS	IWS
				Influent	Effluent
2/28/2011	A-2	absent	15	53	52
	A-3	absent	31		-3%
	A-4	absent	7.2		

	M.well	F.coliform	Nitrate*	IWS	IWS
				Influent	Effluent
3/30/2011	A-2	absent	20	26	29
	A-3	absent	31		-12%
	A-4	absent	7.4		

	M.well	F.coliform	Nitrate*	IWS	IWS
				Influent	Effluent
4/19/2011	A-1	absent	18	31	36
	A-2	absent	25		-16%
	A-3	absent	28		

IWS	IWS
Influent	Effluent

	M.well	F.coliform	Nitrate*	TN	TN
5/10/2011	A-1	absent	17	75	80
	A-2	absent	27		-7%
	A-3	absent	29		
	A-4	absent	7.7		

	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
6/16/2011	A-1	absent	21	43	47
	A-2	absent	29		-7%
	A-3	absent	30		
	A-4	absent	8.1		

	M.well	F.coliform	Nitrate*	IWS	IWS
				Influent	Effluent
7/19/2011	A-1	absent	17	TN	TN
	A-2	absent	29	NotRpted	NotRpted
	A-3	absent	29		
	A-4	absent	8.4		

8/1/2011 NotRpted NotRpted NotRpted NotRpted NotRpted

9/1/2011 NotRpted NotRpted NotRpted NotRpted NotRpted

	M.well	F.coliform*	Nitrate*	IWS	IWS
				Influent	Effluent
10/13/2011	A-1	absent	13	TN	TN
	A-2	2	25	NotRpted	NotRpted
	A-3	absent	28		
	A-4	2	8		

	M.well	F.coliform*	Nitrate*	IWS Influent	IWS Effluent
11/8/2011	A-1	absent	10	TN	TN
	A-2	absent	23		-6%
	A-3	2	26		
	A-4	absent	8		

			IWS Influent	IWS Effluent	
	M.well	F.coliform	Nitrate*	TN	TN
12/8/2011	A-1	absent	8	45	53
	A-2	absent	21		-18%
	A-3	absent	25		
	A-4	absent	7.2		
1/10/2012	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
	A-1	absent	5.6	42	39
	A-2	absent	20		7%
	A-3	absent	26		
2/14/2012	A-4	absent	7.7		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
	A-1	absent	3.7	43	44
	A-2	absent	20		-2%
3/26/2012	A-3	absent	27		
	A-4	absent	7.5		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
	A-1	NotRpted	NotRpted	NotRpted	NotRpted
4/17/2012	A-2	NotRpted	NotRpted		
	A-3	NotRpted	NotRpted		
	A-4	NotRpted	NotRpted		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
6/7/2012	A-1	absent	3.5	93	84
	A-2	absent	19		10%
	A-3	absent	28		
	A-4	absent	7.5		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
	A-1	absent	4.1	51	50
	A-2	absent	21		-2%

	A-3	absent	31		
	A-4	absent	6.6		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
				TN	TN
7/24/2012	A-1	absent	3.8	35	42
	A-2	absent	21		-20%
	A-3	absent	29		
	A-4	absent	6.9		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
				TN	TN
8/17/2012	A-1	absent	4.3	38	52
	A-2	absent	19		-37%
	A-3	absent	26		
	A-4	absent	5.4		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
				TN	TN
9/11/2012	A-1	absent	4.9	44	44
	A-2	absent	19		0%
	A-3	absent	26		
	A-4	absent	5.6		
	M.well	F.coliform*	Nitrate*	IWS Influent	IWS Effluent
				TN	TN
10/9/2012	A-1	4	4.4	99	88
	A-2	absent	19		0%
	A-3	absent	25		
	A-4	absent	6.6		
	M.well	F.coliform	Nitrate*	IWS Influent	IWS Effluent
				TN	TN
11/6/2012	A-1	NotRpted	NotRpted	43	56
	A-2	NotRpted	NotRpted		-30%
	A-3	NotRpted	NotRpted		
	A-4	NotRpted	NotRpted		

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
15	14	50	26
6%		48%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
90	98	17	22
-9%		-29%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
46	48	21	26
-4%		-24%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
33	21	31	18
36%		42%	removal efficiency

IWS IWS IWS IWS
 Influent *Effluent* Influent *Effluent*

BOD	BOD	SS	SS
39	29	12	12
	26%		0%
			removal efficiency

IWS	IWS	IWS	IWS
Influent	<i>Effluent</i>	Influent	<i>Effluent</i>
BOD	BOD	SS	SS

NotRpted NotRpted NotRpted NotRpted removal efficiency

IWS	IWS	IWS	IWS
Influent	<i>Effluent</i>	Influent	<i>Effluent</i>
BOD	BOD	SS	SS

NotRpted NotRpted NotRpted NotRpted removal efficiency

NotRpted NotRpted NotRpted NotRpted

NotRpted NotRpted NotRpted NotRpted

IWS	IWS	IWS	IWS
Influent	<i>Effluent</i>	Influent	<i>Effluent</i>
BOD	BOD	SS	SS

98 92 21 28
6% -33% removal efficiency

IWS	IWS	IWS	IWS
Influent	<i>Effluent</i>	Influent	<i>Effluent</i>
BOD	BOD	SS	SS

120 94 24 24
22% 0% removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
74	84	27	32
-14%		-18%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
94	62	22	23
34%		-5%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
110	110	26	40
0%		-53%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
110	110	18	22
0%		-22%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
20	14	15	12
30%		20%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
26	22	20	22
15%		-10%	removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
22	18	10	8
	18%		20%

removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
56	48	58	15
	14%		74%

removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
70	60	32	33
	14%		-3%

removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
NotRpted	NotRpted	NotRpted	NotRpted
			removal efficiency

IWS Influent	IWS <i>Effluent</i>	IWS Influent	IWS <i>Effluent</i>
BOD	BOD	SS	SS
110	96	24	17
	13%		29%

removal efficiency